



IFW

Docket No.: 1152-0328PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tadao KYOMOTO et al.

Application No.: 10/590,269

Confirmation No.: 6070

Filed: August 22, 2006

Art Unit: Not Yet Assigned

For: LIGHT SOURCE DEVICE AND VIDEO DISPLAY
APPARATUS USING THE SAME

Examiner: Not Yet Assigned

LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

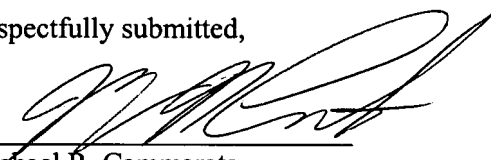
Sir:

Subsequent to the filing of the above-identified application on August 22, 2006, attached hereto is Forms PCT/IPEA/409 and PCT/IB/338 that should be made of record in the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: June 11, 2007

Respectfully submitted,

By 
Michael R. Cammarata
Registration No.: 39,491
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road
Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

Attachment(s)



PATENT COOPERATION TREATY

PCT/JP2005/002794

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 44bis.3(c) and 72.2)

To:

FUJIMOTO, Eisuke
c/o Fujimoto Patent & Law Office, Room 317, Sanno Grand
Building 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo
1000014
JAPON

Date of mailing (day/month/year)

07 December 2006 (07.12.2006)

Applicant's or agent's file reference

FWA5-02

IMPORTANT NOTIFICATION

International application No.

PCT/JP2005/002794

International filing date (day/month/year)

22 February 2005 (22.02.2005)

Applicant

SHARP KABUSHIKI KAISHA et al

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP, KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Masashi Honda

Facsimile No. +41 22 338 82 70

Facsimile No. +41 22 338 82 70

(PCT Article 36 and Rule 70)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/002794

Box No. 1 Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following _____ which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-23 _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1, 2, 5-12 _____ received by this Authority on 17.03.2006
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets Fig. 1-3, 5-23 _____ as originally filed/furnished
- sheets* Fig. 4 _____ received by this Authority on 15.12.2005
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☒ the claims, nos. 3, 4 _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/002794

| Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | | |
|--|---|------------|-----|
| 1. Statement | | | |
| Novelty (N) | Claims | 1, 2, 5-12 | YES |
| | Claims | | NO |
| Inventive step (IS) | Claims | 1, 2, 5-12 | YES |
| | Claims | | NO |
| Industrial applicability (IA) | Claims | 1, 2, 5-12 | YES |
| | Claims | | NO |
| 2. Citations and explanations (Rule 70.7) | | | |
| Document 1: JP 62-127510 U | | | |
| Document 2: JP 62-127511 U | | | |
| Document 3: JP 11-283422 A | | | |
| Document 4: JP 07-006613 A | | | |
| Document 5: JP 07-028016 A | | | |
| Document 6: JP 03-266824 A | | | |
| Document 7: JP 04-291309 A | | | |
| 1. The Inventions Set Forth in Claims 1, 2, and 5 to 12 | | | |
| The inventions set forth in documents 1 to 7 pertain to a light source device provided with a reflector. | | | |
| The inventions set forth in claims 1, 2 and 5 to 12 are not denied novelty and an inventive step by documents 1 to 7. | | | |
| A "closed light source apparatus" having the electrode axis of the arc tube intersect with the optical axis of emitted light, wherein a first reflector comprising a spherical metal base material is positioned to the rear surface of the arc tube, a second reflector comprising an elliptical metal base material is positioned in front of the arc tube, and a convergent lens is provided on the inside of the second reflector, is neither disclosed nor suggested in documents 1 to 7. | | | |

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/002794

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Front page

G02B5/10(2006.01)